

OCTOBER 2011



SCIENCE
TECHBOOK

The Lab Report

A Monthly Newsletter for the Discovery Education Science Techbook



Let's Go Beyond the Textbook

Our monthly Lab Report will provide you with quick updates, instructional strategies, best practices and professional development opportunities surrounding the **Discovery Education Science Techbook**. Meant to be a quick read, many of our updates will link you to the the Discovery Education Science Blog where you may dive deeper into the story and explore other posts focused on science instruction. If you're reading this and thinking I've got a great strategy to share, contact us and we'll feature you in our next issue.

Classrooms around the country joined us as we kickstarted the school year with a live broadcast from Brevard Public Schools in Florida, just south of Cape Canaveral. We "Blasted Off Into the School Year" with digital and hands-on activities performed live.

Check out the [archive here](#).

The Discovery Education Instructional Implementation Team is here to support you through in-person and virtual events, as well as updates through this newsletter. Meet the team:



Patti Duncan

Manager, Instructional Implementation
Newsletter Section: Einstein's Es
Click here to [Learn More](#) about **Patti**



Mike Bryant

Director, Instructional Implementation
Newsletter Section: Technically Speaking
Click here to [Learn More](#) about **Mike**



Brad Fountain

Director, Instructional Implementation
Newsletter Section: Fountain's Favorites
Click here to [Learn More](#) about **Brad**



TECHNICALLY SPEAKING with Mike Bryant

In each "Lab Report" we share links to articles, events and resources with the Discovery Education Science Techbook. Sharing resources and best practices is what being a part of the Discovery Educator Network is all about. It's very simple to share a resource with a fellow teacher. We've provided an easy to use feature just for this purpose.

Learn how to easily share by clicking [here](#)



FOUNTAIN'S FAVORITES with Brad Fountain

You have been back to school for a little over a month and are becoming more comfortable with the **Discovery Education Science Techbook**. However, you still have some questions. For example, how do I find resources connected to my state standards? There is a simple answer to this question. If you go to your grade page and look toward the right of your state and grade you will find your state's phrase for "standards" with a down arrow. Select your grade level. This will take you to the list of "standards" for your grade and you can drill down and click on the "standard" you want resources for and it will bring up all of the resources connected to that specific standard. From there you can narrow by media type. For example, you can find a video segment, glossary term or exploration.



HUBBLE'S TELESCOPE

A quick look at upcoming events from **Discovery EDUCATION**

► Seasonal Science Streams

Monthly live video broadcast focused on engaging hands-on science activities fit for the season. Lesson plans included.

Register below for the October 26th event:
october2011seasonalsciencestream.eventbrite.com

► Science Instructional Webinar Series

The Instructional Implementation team brings you a webinar series that highlights integration strategies for using the Discovery Education Science Techbook.

[Click here to access the Archives, Learn More & Register](#)

► 2011 Fall Virtual Conference - Oct 22th

The fall virtual conference Tech or Treat has been scheduled for Saturday, October 22, 2011 from 9am to 3pm ET. Join us for an hour or stay all day.

Join us online, or join one of the local events our Leadership Council members are planning.

[Click here to Learn More & Register](#)





EINSTEIN'S Es with Patti Duncan

Visit any **Discovery Education Science Techbook** concept page and you will find TONS of resources arranged by the 5E Instructional Model. A component of the constructivist model, the 5Es lesson focuses on student participation. Once "Engaged" students are then invited to "Explore" concepts in a way that allows them to develop their own understanding.

The "Explore" section of a 5E lesson belongs to the student. The intention of an "Explore" activity is to allow students to do just that... explore. Students are provided with a problem to solve, or an essential question to answer. They are then invited to explore a variety of resources to try to solve that problem or answer that question. Figuring out the answer for themselves, students build their understanding of the concept, and the learning sticks. To learn about strategies for setting your students loose to "Explore", [read this blog post](#).



"TECH" This Out!

A quick look at new content recently added or coming soon to the **Discovery Education** | **SCIENCE TECHBOOK**

► Live Chat for Technical Support

The Support Team adds Live Chat to the multiple options for help.

[Click here to learn more about this new feature](#)

Location & Contact Information

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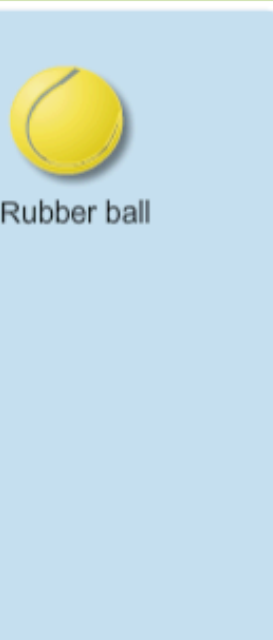
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[Chat Live with Discovery Education](#)

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Rubber ball



Ball	
 Plastic ball	50 g